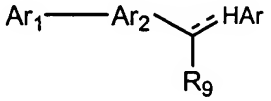
AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. In amendments to the claims, additions are represented by **bold underlining** and deletions are represented by ~~strikethrough~~ or, in cases of five characters or fewer, by [[double brackets]].

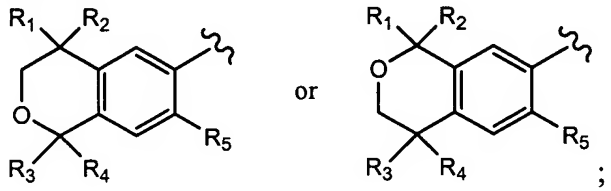
LISTING OF CLAIMS

1. (Currently Amended) An isochroman compound having the structure



wherein

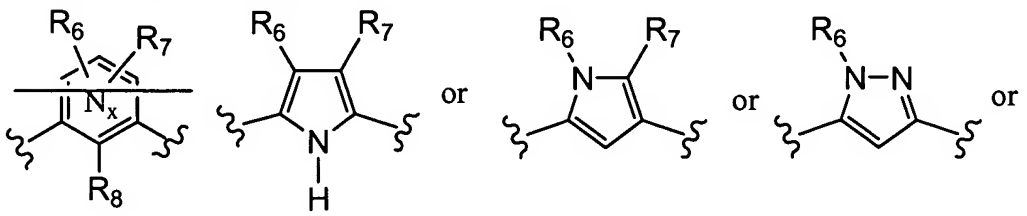
a) Ar_1 has the structure

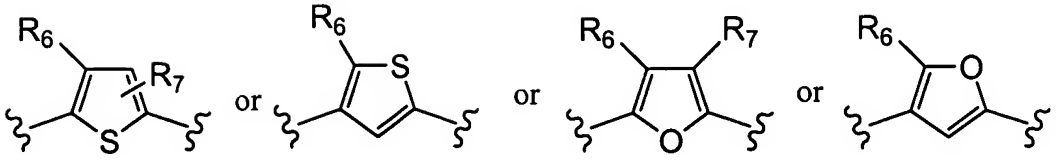


;

wherein R_1, R_2, R_3, and R_4 are independently selected from hydrogen, halogen, amino, and/or substituents comprising 1 to 4 carbon atoms selected from alkyl, haloalkyl, cyano, mono-substituted amino, di-substituted amino, alkoxy, haloalkoxy, carboalkoxy, acyl, alkylcarboxamido, dialkylcarboxamido, alkylamido, acyloxy; and R_5 is selected from hydrogen, a halogen, amino, -SH, or a radical comprising 1 to 4 carbon atoms selected from alkyl, mono-substituted amino, di-substituted amino, alkoxy, haloalkoxy, thioalkyl, or thioacyl;

b) Ar_2 has the structure



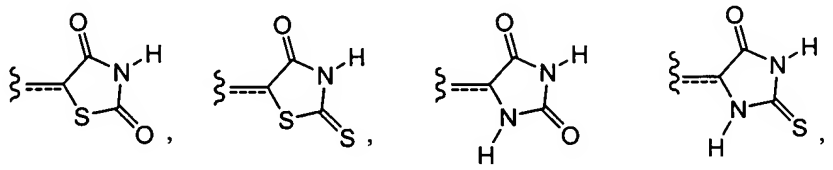


wherein ~~X is an integer selected from 0, 1, or 2, and R_6, R_7 and R_8~~ **R_6 and R_7** are independently selected from hydrogen, halogen, amino, nitro, and/or substituents comprising 1 to 4 carbon atoms selected from alkyl, haloalkyl, cyano, mono-substituted amino, di-substituted amino, alkoxy, haloalkoxy, carboalkoxy , alkylcarboxamido, dialkylcarboxamido, alkylamido, acyloxy, -SH, thioalkyl, or thioacyl;

c) R_9 is hydrogen, hydroxy, or an alkyl radical comprising 1 to 4 carbon atoms;

d) ----- is either present or absent; and

e) HAr has the structure



or a pharmaceutically acceptable salt thereof.

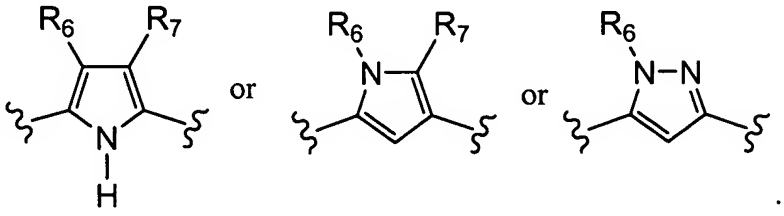
2. (Original) The compound of claim 1 wherein R_1, R_2, R_3, and R_4 are independently selected from hydrogen and alkyls comprising 1 to 4 carbon atoms; and R_5 is selected from hydrogen, fluorine, amino, -SH, methyl, ethyl, mono-methyl amino, dimethyl amino, methoxy, trifluoromethoxy, or thiomethyl.

3. (Original) The compound of claim 1 wherein R_1, R_2, R_3, and R_4 are methyl; and R_5 is selected from hydrogen, fluorine, amino, -SH, methyl, ethyl, mono-methyl amino, dimethyl amino, methoxy, trifluoromethoxy, or thiomethyl.

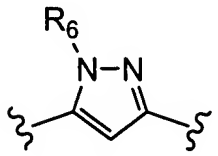
4. (Canceled)

5. (Canceled)

6. (Original) The compound of claim 1 wherein Ar_2 has the structure



7. (Original) The compound of claim 1 wherein Ar_2 has the structure

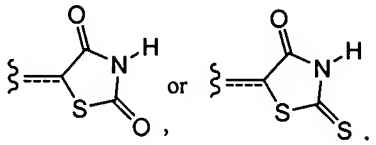


wherein R_6 is halo, methyl, ethyl, isopropyl, hydroxymethyl, hydroxyethyl, amino, methylamino, dimethylamino, hydroxyl, methoxy, or trifluoromethoxy.

8. (Original) The compound of claim 1 wherein R_9 is hydrogen.

9. (Original) The compound of claim 1 wherein ----- is present.

10. (Original) The compound of claim 1 wherein HAr has the structure



11. (Canceled)

12. (Original) A pharmaceutical composition comprising one or more of the compounds of claim 1 or pharmaceutically acceptable salts or prodrugs thereof, and one or more pharmaceutically acceptable carriers.

13. (Currently Amended) A method for the treatment of ~~a disease of uncontrolled cellular proliferation~~ **breast cancer** comprising administering to a mammal diagnosed as having ~~a disease of uncontrolled cellular proliferation~~ **breast cancer** one or more compounds of claim 1 or pharmaceutically acceptable salts or prodrugs thereof, or a pharmaceutical composition thereof, in an amount effective to treat the ~~disease of uncontrolled cellular proliferation~~ **breast cancer**.

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Currently Amended) The method of claim ~~15~~ **13** that additionally comprises administration of one or more additional therapeutic agents effective for the treatment of the cancer.

18. (Original) A method of modulating lipid metabolism, carbohydrate metabolism, or lipid and carbohydrate metabolism comprising administering to a mammal diagnosed as needing such

modulation one or more of the compounds of claim 1 or pharmaceutically acceptable salts or prodrugs thereof, in an amount effective to induce such modulation.

19. (Currently Amended) A method of treating ~~hypercholesterolimia~~ **hypercholesterolemia** comprising administering to a mammal diagnosed as needing such treatment one or more compounds of claim 1 or pharmaceutically acceptable salts or prodrugs thereof, in an amount effective to treat the hypercholesterolimia.

20. (Original) The method of claim 19, wherein the one or more compounds is applied in an amount effective to decrease serum cholesterol levels by at least about 5%.

21. (Original) A method of treating dyslipidemia comprising administering to a mammal diagnosed as needing such treatment one or more compounds of claim 1 or pharmaceutically acceptable salts or prodrugs thereof, in an amount effective to decrease serum triglyceride levels.

22. (Original) The method of claim 21, wherein the one or more compounds are applied in an amount effective to decrease serum triglyceride levels by at least about 5%.

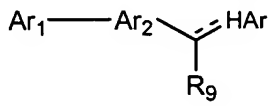
23.(Original) A method of treating Type 2 Diabetes comprising administering to a mammal diagnosed as needing such treatment one or more compounds of claim 1 or pharmaceutically acceptable salts or prodrugs thereof, in an amount effective to treat the Type 2 Diabetes.

24. (Currently Amended) The method of claim 23, wherein the compound is applied in an amount effective to **[[**to**]]** decrease the serum glucose levels in the mammal by at least about 5%.

25. (Original) The method of claim 24 wherein the administration is also effective to decrease serum triglyceride levels in the mammal by at least about 5%.

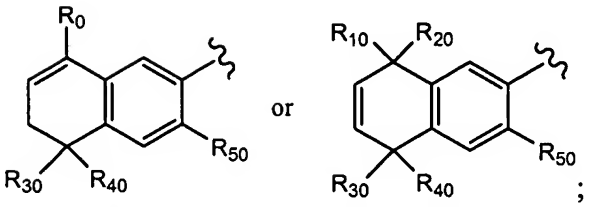
26. (Original) The method of claim 23 wherein the mammal is a human.

27. (Currently Amended) A dihydronaphthalene compound having the structure



wherein

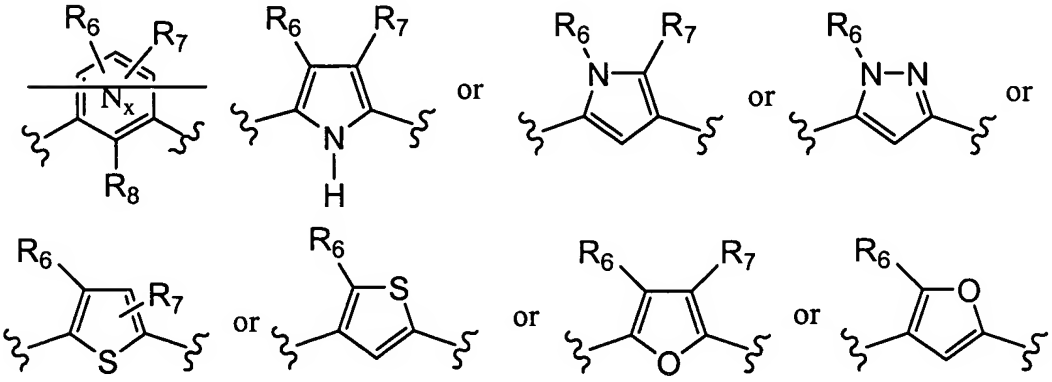
a) Ar_1 has the structure



;

wherein R_0 is selected from hydrogen, a halogen, an aryl or heteroaryl comprising 1 to 8 carbon atoms, and radicals comprising 1 to 4 carbon atoms selected from alkyl, haloalkyl, di-substituted amino, alkoxy, haloalkoxy, or acyloxy; and R_{10}, R_{20}, R_{30}, and R_{40}.are independently selected from substituents comprising 1 to 4 carbon atoms selected from alkyl, haloalkyl, cyano, amino, mono-substituted amino, di-substituted amino, alkoxy, haloalkoxy, carboalkoxy , alkylcarboxamido, dialkylcarboxamido, alkylamido, or acyloxy, and R_{50} is selected from hydrogen, a halogen, amino, -SH, or a radical comprising 1 to 4 carbon atoms selected from alkyl, mono-substituted amino, di-substituted amino, alkoxy, haloalkoxy, thioalkyl, or thioacyl;

b) Ar_2 has the structure

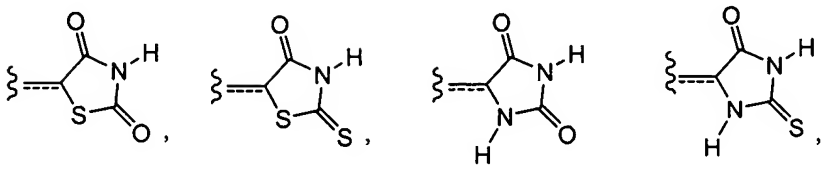


wherein ~~X is an integer selected from 0, 1, or 2, and R_6, R_7 and R_8~~ **R_6 and R_7** are independently selected from hydrogen, halogen, amino, nitro, and substituents comprising 1 to 4 carbon atoms selected from alkyl, haloalkyl, cyano, mono-substituted amino, di-substituted amino, alkoxy, haloalkoxy, carboalkoxy , alkylcarboxamido, dialkylcarboxamido, alkylamido, acyloxy, -SH, thioalkyl, or thioacyl;

c) R_9 is hydrogen, hydroxy, or an alkyl radical comprising 1 to 4 carbon atoms;

d) ----- is either present or absent; and

e) HAr has the structure



or a pharmaceutically acceptable salt thereof.

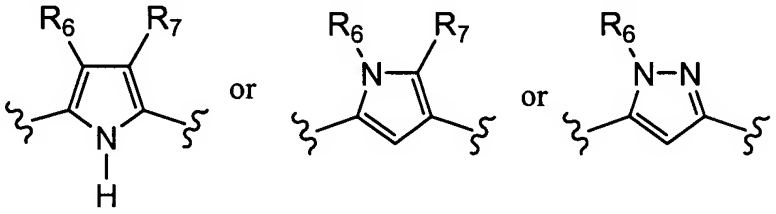
28. (Original) The compound of claim 27 wherein R_{10}, R_{20}, R_{30}, and R_{40} are independently selected from hydrogen, and alkyls comprising 1 to 4 carbon atoms; and R_0 is hydrogen, fluorine, phenyl, fluorophenyl, benzyl, hydroxyphenyl, pyridyl, methyl, ethyl, propyl, isopropyl, trifluoromethyl, dimethyl amino, methoxy, or trifluoromethoxy.

29. (Original) The compound of claim 27 wherein R_{10}, R_{20}, R_{30}, and R_{40} are methyl; and R_{50} is selected from hydrogen, fluorine, amino, -SH, methyl, ethyl, mono-methyl amino, dimethyl amino, methoxy, trifluoromethoxy, and thiomethyl, and R_0 is hydrogen, fluorine, phenyl, fluorophenyl, benzyl, hydroxyphenyl, pyridyl, methyl, ethyl, propyl, isopropyl, trifluoromethyl, dimethyl amino, methoxy, or trifluoromethoxy.

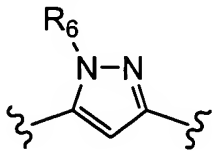
30. (Canceled)

31. (Canceled)

32. (Original) The compound of claim 27 wherein Ar_2 has the structure



33. (Original) The compound of claim 27 wherein Ar_2 has the structure

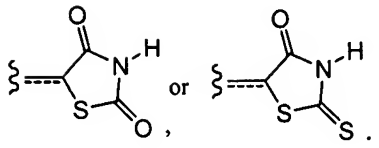


wherein R_6 is halo, methyl, ethyl, isopropyl, hydroxymethyl, hydroxyethyl, amino, methylamino, dimethylamino, hydroxyl, methoxy, or trifluoromethoxy.

34. (Original) The compound of claim 27 wherein R_9 is hydrogen.

35. (Original) The compound of claim 27 wherein ----- is present.

36. (Original) The compound of claim 27 wherein HAr has the structure



37. (Canceled)

38. (Canceled)

39. (Original) A pharmaceutical composition comprising one or more of the compounds of claim 27 or pharmaceutically acceptable salts or prodrugs thereof, and one or more pharmaceutically acceptable carriers.

40. (Currently Amended) A method for the treatment of ~~a disease of uncontrolled cellular proliferation~~ **breast cancer** comprising administering to a mammal diagnosed as having ~~a disease of uncontrolled cellular proliferation~~ **breast cancer** one or more compounds of claim 27 or pharmaceutically acceptable salts or prodrugs thereof, or a pharmaceutical composition thereof, in an amount effective to treat the disease of ~~uncontrolled cellular proliferation~~ **breast cancer**.

41. (Canceled)

42. (Canceled)

43. (Canceled)

44. (Currently Amended) The method of claim ~~43~~ **40** that additionally comprises administration of one or more additional therapeutic agents effective for the treatment of the cancer.

45. (Original) A method of modulating lipid metabolism, carbohydrate metabolism, or lipid and carbohydrate metabolism comprising administering to a mammal diagnosed as needing such modulation one or more of the compounds of claim 27 or pharmaceutically acceptable salts or prodrugs thereof, in an amount effective to induce such modulation.

46. (Currently Amended) A method of treating ~~hypercholesterolimia~~ **hypercholesterolemia** comprising administering to a mammal diagnosed as needing such treatment one or more compounds of claim 27 or pharmaceutically acceptable salts or prodrugs thereof, in an amount effective to treat the hypercholesterolimia.

47. (Original) The method of claim 46, wherein the one or more compounds is applied in an amount effective to decrease serum cholesterol levels by at least about 5%.

48. (Original) A method of treating dyslipidemia comprising administering to a mammal diagnosed as needing such treatment one or more compounds of claim 27 or pharmaceutically acceptable salts or prodrugs thereof, in an amount effective to decrease serum triglyceride levels.
49. (Original) The method of claim 48, wherein the one or more compounds are applied in an amount effective to decrease serum triglyceride levels by at least about 5%.
50. (Original) A method of treating Type 2 Diabetes comprising administering to a mammal diagnosed as needing such treatment one or more compounds of claim 27 or pharmaceutically acceptable salts or prodrugs thereof, in an amount effective to treat the Type 2 Diabetes.
51. (Currently Amended) The method of claim 50, wherein the compound is applied in an amount effective to **[[**to**]]** decrease the serum glucose levels in the mammal by at least about 5%.
52. (Original) The method of claim 50 wherein the administration is also effective to decrease serum triglyceride levels in the mammal by at least about 5%.
53. (Original) The method of claim 50 wherein the mammal is a human.